

# PATENT

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Stephen J. DeMarco et al.  
Filing Date : herewith  
For : A SYSTEM FOR PREDICTIVELY  
AND DYNAMICALLY ALLOCATING  
COMMUNICATION BANDWIDTH  
Attorney Docket No. : LM(F)6642  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

This information disclosure statement is being filed to fulfill the duty of candor and good faith toward the Patent and Trademark Office, in accordance with 37 CFR §1.56.

Below is a list of information of which persons substantively involved in the preparation of the application identified above, are aware and believe that a reasonable Examiner may consider important to deciding whether to allow the application. This statement is not a representation that no other relevant information exists, and is not an admission that any of the items is material as defined in 37 CFR §1.56(b). Copies of the listed foreign patents and other non-patent literature are enclosed. No copies of listed U.S. Patents and Patent Application Publications are enclosed. A PTO Form 1449 is attached.

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U.S. PATENT DOCUMENTS

U.S. Patent No. 5,943,316  
U.S. Patent No. 6,388,999  
U.S. Patent No. 6,542,481

U.S. PATENT APPLICATION PUBLICATION DOCUMENTS

U.S. Patent Application Publication US 2001/0039582 A1  
U.S. Patent Application Publication US 2002/0093983 A1  
U.S. Patent Application Publication US 2003/0061351 A1  
U.S. Patent Application Publication US 2003/0072289 A1

NON-PATENT LITERATURE

"Communications Networks for the Force XXI Digitized Battlefield" – Paul Sass Mobile Networks and Applications October 1999, Volume 4 Issue 3, Pages 139-155.

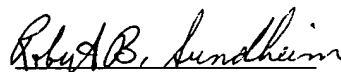
"Mobility Management for Hierarchical Wireless Networks" – Guangyu Pei, Mario Gerla Mobile Networks and Applications August 2001, Volume 6, Issue 4, pages 331-337

"On-Demand Multicast Routing Protocol in Multihop Wireless Mobile Networks" Sung Ju Lee, William Su, Mario Gerla – Mobile Networks and Applications, December 2002, Volume 7, Issue 6, pages 441-453

"Network Simulation: Experiences Applying Parallel and Interoperable Network Simulation Techniques in On-Line Simulations of Military Networks" – Kalyan Perumalla, Richard Fujimoto, Thom McLean, George Riley – Proceedings of the Sixteenth Workshop on Parallel and Distributed Simulation, May 2002, Pages 97-104

"Intelligent Information Dissemination Services in Hybrid Satellite-Wireless Networks" Eddie C. Shek, Son K. Dao, Yongguang Zhang, Darrel J. Van Buer, Giovanni Giuffrida, Mobile Networks and Applications, December 2000, Volume 5, Issue 4, Pages 273-284

Respectfully submitted,



Robert B. Sundheim  
Reg. No.: 20,127

TAROLLI, SUNDHEIM, COVELL  
& TUMMINO, L.L.P.  
526 Superior Avenue - Suite 1111  
Cleveland, OH 44114-1400  
(216) 621-2234  
(216) 621-4072 (Facsimile)  
Customer No.: 26294

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ATTY DOCKET NO.: LM(F)6642

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use several sheets if necessary)*

APPLICANT(S): Stephen J. DeMarco et al.

FILING DATE: herewith

GROUP:

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5	9	4	3	3	1	6		8/24/99	Davis			
	6	3	8	8	9	9	9		5/14/02	Gorsuch et al.			
	6	5	4	2	4	8	1		4/1/03	Foore et al.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER										DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
														YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	U.S. Patent Appln. Publication US 2001/0039582A1, published November 8, 2001
	U.S. Patent Appln. Publication US 2002/0093983A1, published July 18, 2002
	U.S. Patent Appln. Publication US 2003/0061351A1, published March 27, 2003
	U.S. Patent Appln. Publication US 2003/0072289A1, published April 17, 2003
	"Communications Networks for the Force XXI Digitized Battlefield" – Paul Sass Mobile Networks and Applications October 1999, Volume 4 Issue 3, Pages 139-155
	"Mobility Management for Hierarchical Wireless Networks" – Guangyu Pei, Mario Gerla Mobile Networks and Applications August 2001, Volume 6, Issue 4, pages 331-337
	"On-Demand Multicast Routing Protocol in Multihop Wireless Mobile Networks" Sung Ju Lee, William Su, Mario Gerla – Mobile Networks and Applications, December 2002, Volume 7, Issue 6, pages 441-453

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					YES	NO

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